Claims

1. A method for adjusting a bank note processing machine wherein threshold values of sensors are defined for recognizing bank notes unfit for circulation, characterized by

    selecting at least one bank note fit for circulation,

    selecting at least one bank note unfit for circulation,

    processing the selected bank notes by means of the bank note processing machine, whereby data of at least one sensor are stored,

    defining at least one threshold value for the at least one sensor by evaluating the stored data of the at least one sensor.

2. A method according to claim 1, characterized in that the definition of the at least one threshold value is effected by determining the threshold value.

3. A method according to claim 1, characterized in that the definition of the at least one threshold value is effected by selecting the threshold value from a multitude of given threshold values.

4. A method according to any of claims 1 to 3, characterized in that bank notes fit for circulation and those unfit for circulation are processed separately.

5. A method according to claim 4, characterized in that bank notes fit for circulation and those unfit for circulation are separated from each other by means of a separation card, the separation card being recognized during processing.

6. A method according to any of claims 1 to 3, characterized in that bank notes fit for circulation and those unfit for circulation are processed jointly.

7. A method according to claim 6, characterized in that the rate of the bank notes fit for circulation and/or the rate of those unfit for circulation is specified.

8. A method according to any of claims 1 to 7, characterized in that the method is carried out for each kind of bank notes.

9. A method according to any of claims 1 to 8, characterized in that at least one further threshold value is defined for bank notes fit for circulation and/or those unfit for circulation.

10. A method according to claim 9, characterized in that the at least one further threshold value is defined for bank notes that are suitable for automatic cash dispensers.

11. A method according to any of claims 1 to 10, characterized in that the at least one threshold value is formed by a discriminant function.

12. A bank note processing machine for carrying out the method according to any of claims 1 to 11.